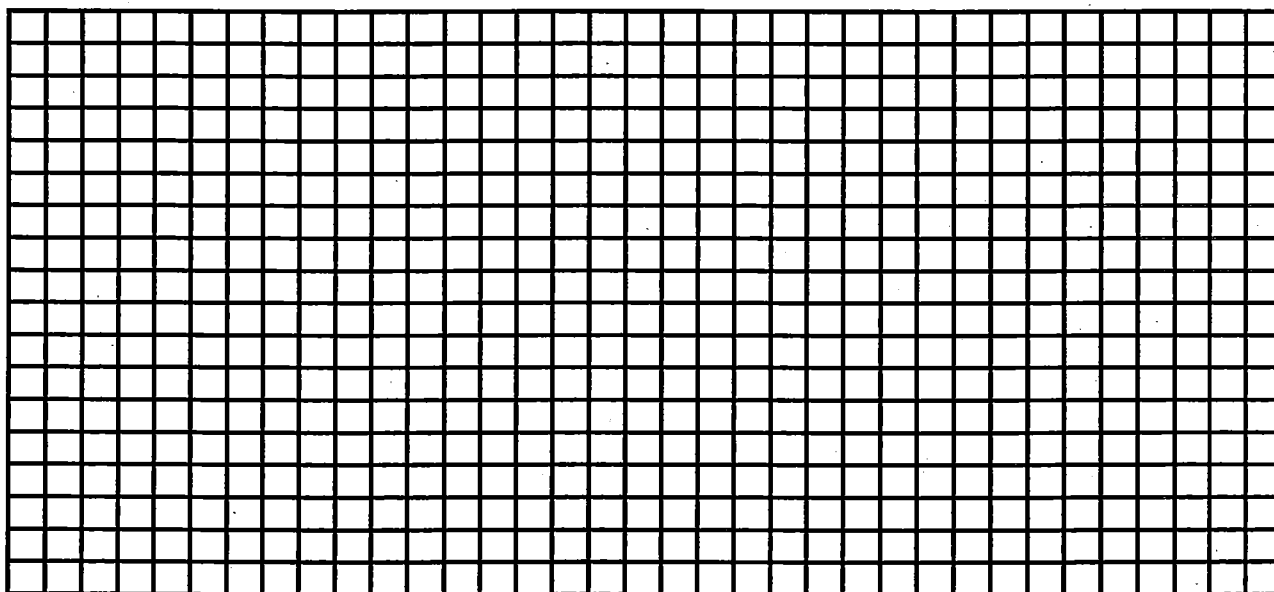


Name: _____ Date: _____

1. Use the graph paper below. Draw all the rectangles with the area of 24 square units.
2. List the dimensions of the rectangles.
3. Now draw all the rectangles with an area of 7 square units.
4. List the dimensions of the rectangles.



Name: _____ Date: _____

Finding Prime Factorization

1. Numbers that have more than 2 factors are called _____ numbers.
2. Numbers that have exactly two factors are called _____ numbers. These two factors are one and itself.
3. _____ has exactly one factor so it is neither prime nor composite.
4. Tell whether each number is prime or composite:
 - a. 2 _____
 - b. 4 _____
 - c. 11 _____
 - d. 12 _____
 - e. 24 _____
 - f. 31 _____
 - g. 63 _____
 - h. 13 _____
5. To write the prime factorization of a composite number, you write the number as a _____ of its prime factors.
6. A _____ can help you find the prime factors of a number.

Let's Try It!

7. Use a factor tree to write the prime factorization of 24

Name: _____ Date: _____

8. Use a factor tree to write the prime factorization of 60

9. Use a factor tree to write the prime factorization of 28

10. Use a factor tree to write the prime factorization of 36

